FIG. 1

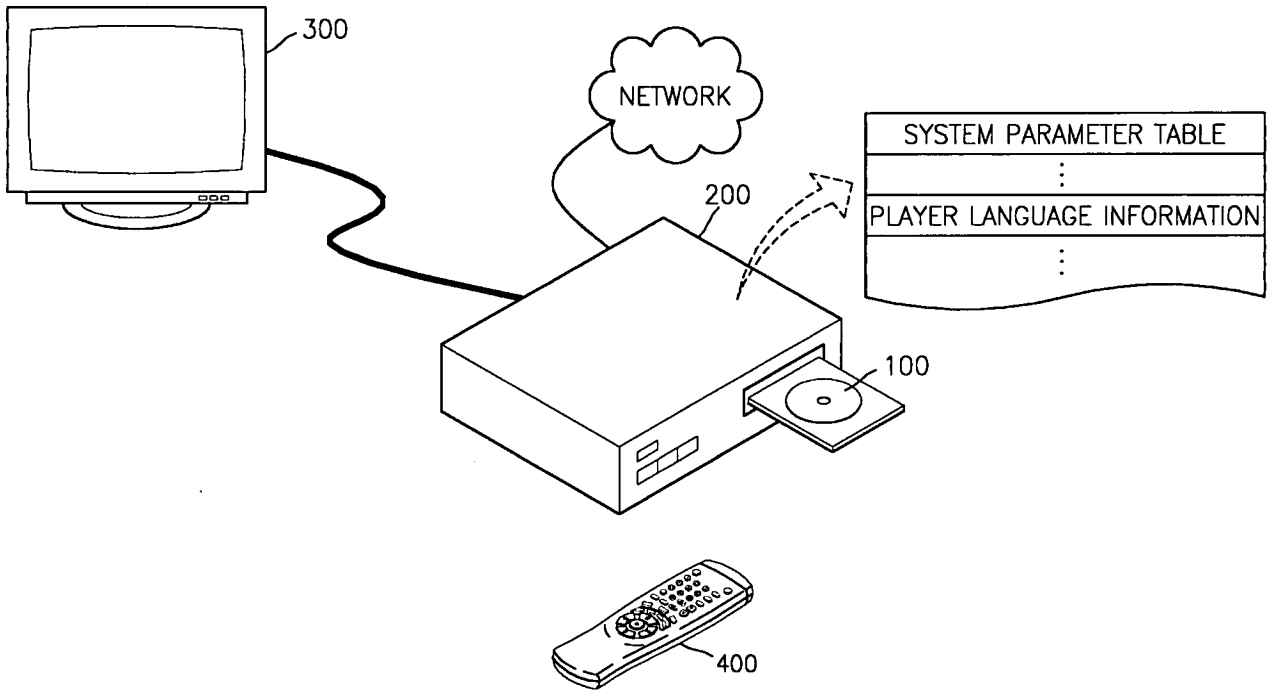

300
NETWORK
SYSTEM PARAMETER TABLE
200
PLAYER LANGUAGE INFORMATION
100
400

FIG. 2

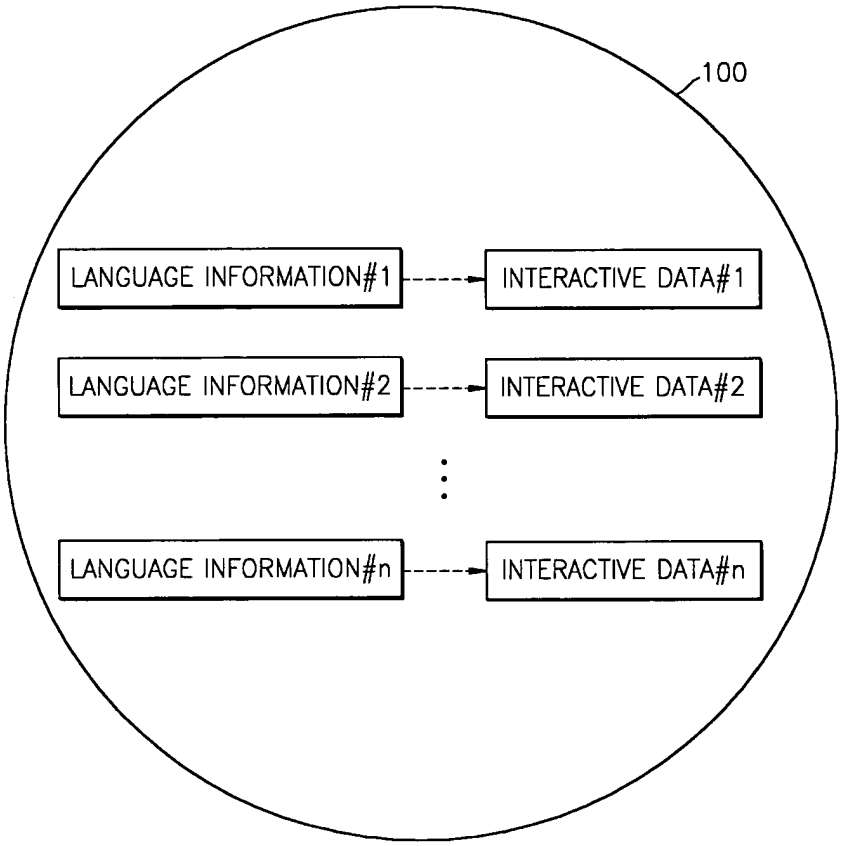

100
LANGUAGE INFORMATION#1
INTERACTIVE DATA#1
LANGUAGE INFORMATION#2
INTERACTIVE DATA#2
LANGUAGE INFORMATION#n
INTERACTIVE DATA#n

FIG. 3

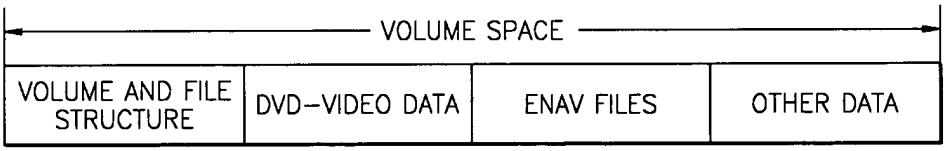

VOLUME SPACE
VOLUME AND FILE STRUCTURE
DVD-VIDEO DATA
ENAV FILES
OTHER DATA

FIG. 4

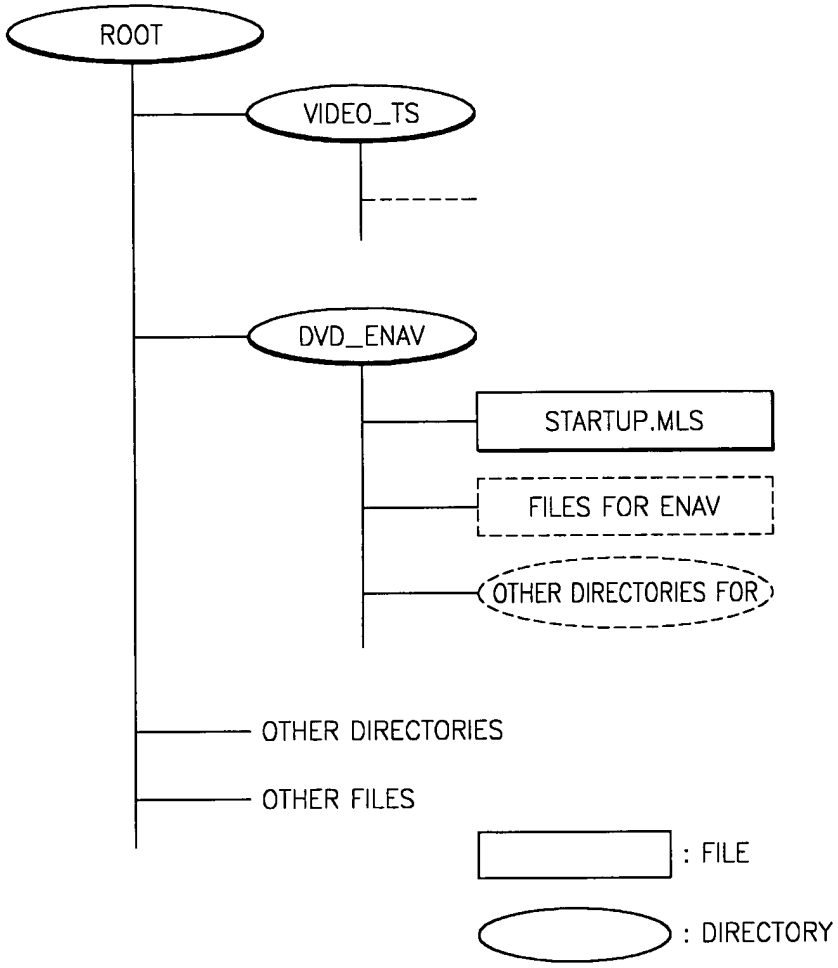

ROOT
VIDEO_TS
DVD_ENAV
STARTUP.MLS
FILES FOR ENAV
OTHER DIRECTORIES FOR
OTHER DIRECTORIES
OTHER FILES
: FILE
: DIRECTORY

FIG. 5

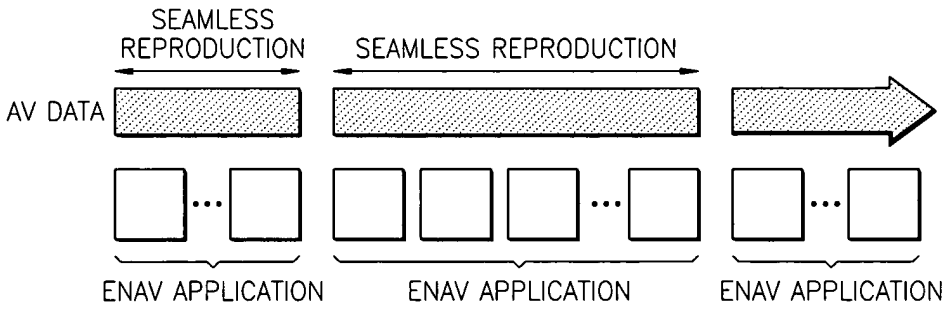

SEAMLESS REPRODUCTION
SEAMLESS REPRODUCTION
AV DATA
ENAV APPLICATION
ENAV APPLICATION
ENAV APPLICATION

FIG. 6

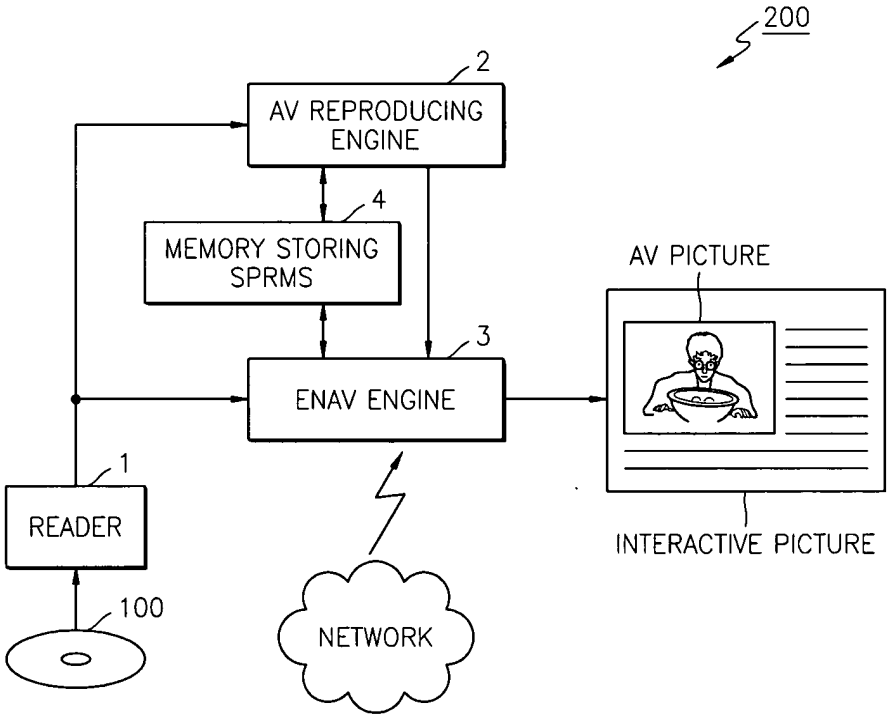

200
2
AV REPRODUCING ENGINE
4
MEMORY STORING SPRMS
3
ENAV ENGINE
1
READER
100
NETWORK
AV PICTURE
INTERACTIVE PICTURE

FIG. 7

<STARTUP.MLS>

```
<startup>
   <walledgarden href="file://dvdrom:/DVD_ENAV/walledgarden.1st"/>
   <loadinginfo href="file://dvdrom:/DVD_ENAV/LoadingInformation1.ldi">          A
         <condition name="lang" value="en"/>
   </loadinginfo>
   <loadinginfo href="file://dvdrom:/DVD_ENAV/LoadingInformation2.ldi">          B
         <condition name="lang" value="kr"/>
   </loadinginfo>

</startup>
```

FIG. 8

<STARTUP.MLS>

```
<startup>
   <walledgarden uri="dvd://dvd_enav/walledgarden.1st"/>
   <application uri="dvd://dvd_enav/LoadingInformation1.1di">                   C
         <condition capability="locale"/>
               <param name="lang" value="en"/>
         </condition>
   </application>
   <application uri="dvd://dvd_enav/LoadingInformation2.1di">                   D
         <condition capability="locale"/>
               <param name="lang" value="kr"/>
         </condition>
   </application>
</startup>
```

FIG. 9

SYSTEM PARAMETER	MEANINGS
0	Menu Description Language Code(M_LCD)
1	Audio stream number(ASTN) for Title Domain(TT_DOM)
2	Sub-picture stream number(SPSTN) and On/OFF flag for TT_DOM
3	Angle number(AGLN) for TT_DOM
4	Title number(TTN) for TT_DOM
5	VTS Title number(VTS_TTN) for TT_DOM
6	Title PGC number(TT_PGCN) for TT_DOM
7	Part_of Title number(PTTN) for One_Sequential_PGC_Title
8	Highlighted Button number(HL_BTNN) for Selection state
9	Navigation Timer(NV_TMR)
10	TT_PGCN for NV_TMR
11	Player Audio Mixing Mode(P_AMXMD) for Karaoke
12	Country Code(CTY_CD) for Parental Management
13	Parental Level(PTL_LVL)
14	Player Configuration(P_CFG) for Video
15	P_CFG for Audio
16	Initial Language Code(INI_LCD) for Audio Stream(AST)
17	Initial Language Code extension(INI_LCD_EXT) for AST
18	INI_LCD for Sub-picture Stream(SPST)
19	INI_LCD_EXT for SPST
20	Player Region Code
21	Initial Language Code(INI_LCD) for ENAV Application
22	
23	

FIG. 10

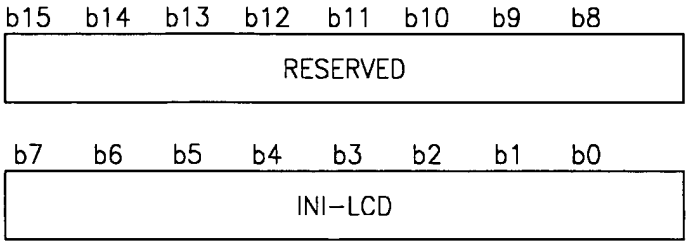
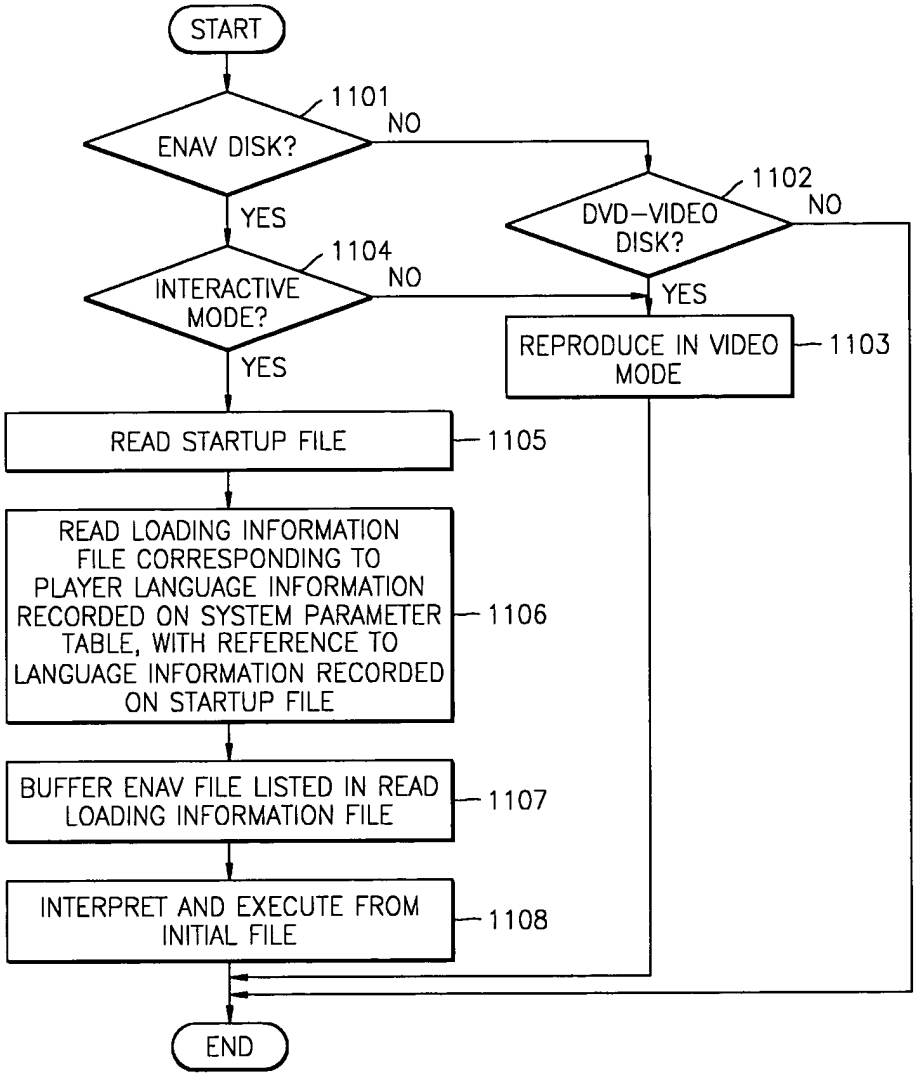

b15 b14 b13 b12 b11 b10 b9 b8
RESERVED
b7 b6 b5 b4 b3 b2 b1 b0
INI-LCD

FIG. 11


START
1101
ENAV DISK?
NO
YES
1102
DVD-VIDEO DISK?
NO
YES
1104
INTERACTIVE MODE?
NO
YES
REPRODUCE IN VIDEO MODE
1103
READ STARTUP FILE
1105
READ LOADING INFORMATION FILE CORRESPONDING TO PLAYER LANGUAGE INFORMATION RECORDED ON SYSTEM PARAMETER TABLE, WITH REFERENCE TO LANGUAGE INFORMATION RECORDED ON STARTUP FILE
1106
BUFFER ENAV FILE LISTED IN READ LOADING INFORMATION FILE
1107
INTERPRET AND EXECUTE FROM INITIAL FILE
1108
END